

## ABSTRACT

An optical detection device for a counter, comprising a consumption indicator, formed from a rotating disc (4), provided with at least one section called active and optical elements of the emitter type and receiver type, opposite the disc, the received optical signal from which is used to infer the number of rotations of the disc. According to the invention, the disc (4) comprises at least three sectors (4A, 4B, 4C) with a central angle of  $120^\circ$ , each sector being covered on the face thereof facing the outside of the counter (1) with a different color. Said optical elements comprise at least one emitter element (6), emitting a beam of light with at least two different colors and a receiver element (7) for a reflected light beam.